



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 6 cu.ft

V(total) = 6.224 cu.ft

Fb = 36.13 Hz

QL = 6.605

F3 = 33.97 Hz

Fill = minimal

--Vents--

No. of Vents = 4

Vent shape = round

Vent ends = two flush

Dv = 4 in

Lv = 11.42 in

Driver Properties

--Description--

Name: Peavey black widow 15 inch

Type: Standard one-way driver

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 33.92 Hz

Qms = 10.67

Vas = 155.2 liters

Cms = 0.157 mm/N

Mms = 140.5 g

Rms = 2.806 kg/s

Xmax = 9.6 mm

Xmech = 14.4 mm

P-Dia = 326.1 mm

Sd = 835 sq.cm

P-Vd = 0.802 liters

--Electrical Parameters--

Qes = 0.364

Re = 6.21 ohms

Le = 0.82 mH

Z = 8 ohms

BL = 22.6 Tm

Pe = 800 watts

--Electromech. Parameters--

Qts = 0.352

no = 1.604 %

1-W SPL = 93.6 dB

2.83-V SPL = 95.3 dB



Wiring Diagram







